

AFIS BYTES

Fall 2008
Volume 5, Issue 4



Inside this Issue

1	From Your Jail to the FBI in 30 Seconds
2	LiveScan Screen Modifications
2	Upcoming Training Dates
3	Universal Latent Workstation Installation and Training
3	Did you know...
4	Profiling AFIS
4	AFIS STATS
4	Contacting AFIS BYTES

AFIS SECTION
KENTUCKY STATE POLICE
1250 LOUISVILLE ROAD
FRANKFORT, KY 40601

From Your Jail to the FBI in 30 Seconds

It is often misunderstood just how important your jail is to the process of criminal histories here in Kentucky and with the Federal Bureau of Investigation. Rolling a set of fingerprints is more than just a necessary step in the booking process. With every LiveScan submission you are collecting potential physical evidence that can be used to solve past, present, and future crimes. Just as importantly, you are also ensuring that each offender has a complete criminal history with LINK/NCIC, state and federal agencies.

The data your facility submits from a LiveScan is actually what is captured to populate an individual's criminal history. Within seconds of submitting a set of fingerprints their identity/alias is identified, their criminal arrest information is added to their previous record, their fingerprints are searched against our unsolved latent file, and then finally forwarded to the FBI to search the federal unsolved latent file, warrants from other states, and the federal criminal database. That is why it is absolutely crucial to submit the best quality fingerprints possible accompanied by arrest data that is accurate. As a matter of fact, if an arrested individual goes without being fingerprinted or is submitted with poor quality fingerprints, that arrest will never be added to their criminal record. In short, you and your facility are the key to keeping our families and communities safe.

UPCOMING TRAINING DATES

Oct. 16th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this
date call (502) 227-8723 or email us at
livescan@ky.gov.

Nov. 4th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this
date call (502) 227-8723 or email us at
livescan@ky.gov.

Nov. 20th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this
date call (502) 227-8723 or email us at
livescan@ky.gov.

Dec. 2nd, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this
date call (502) 227-8723 or email us at
livescan@ky.gov.

Dec. 18th, 9:00 A.M. and 1:00 P.M.
Criminal ID and Records Building,
Conference Room
Livescan Training

To schedule your personnel for training on this
date call (502) 227-8723 or email us at
livescan@ky.gov.

**These dates are available
first come, first serve, and
will not exceed 15 per session.**

LiveScan Screen Modifications

A new statewide modification to the LiveScans will be put
into place soon. The format of the descriptors screen will be
changing. The new format should make entering data into
the fields more fluid when following a citation. Below, a
before and after screenshot show the format change.

CONGRATULATIONS

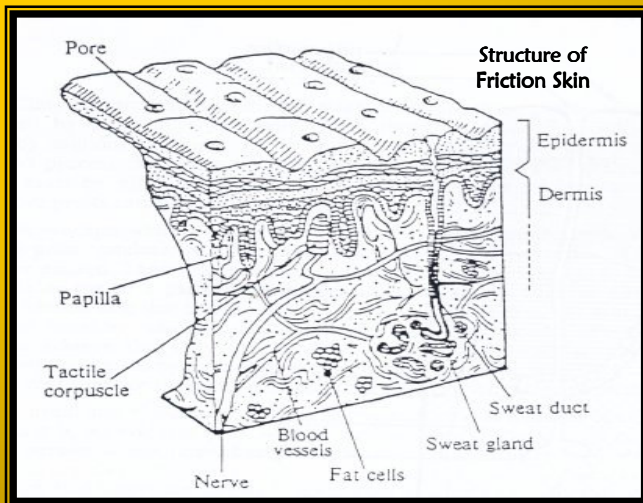
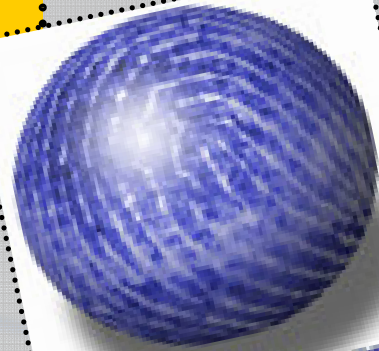
The installation and training for the Universal Latent Workstation has been completed and agencies from all across the state now have the ability to submit latent fingerprints to the Federal Bureau of Investigation for search. The Kentucky State Police would like to thank all the participating agencies for their interest and support in these efforts and extend our congratulations to the following individuals for their completion of the FBI's Universal Latent Workstation training course:

Boone County Sheriff's Office
Covington Police Department
Louisville Metro Police Department
Louisville Metro Corrections

LFUCG

Kentucky State Police

Brian Cochran, Tim Carnahan
Angie Keller, Kim Newman
Ernie Jones
Billy Brown, Cathy Butler,
David Puckett, Robert Reno
Allen Dobson, Stephen J. Welch,
William Salyer, Tim Russell
Paul Dorman, Keith Dollinger,
Fred Crane, Timothy Ball, Hollie Freeman



Did you know...?

The skin consists of two main layers: the outer skin or epidermis, and the inner or true skin, known as the dermis. The epidermis is constantly being worn away and replaced by new skin generated by the upper layer of the dermis - a papillary layer (stratum mucosum) which is the source of the ridges known as 'papillary ridges'. The sweat glands, located in the dermis, discharge sweat at the skin surface through sweat pores found at the top of the ridges.

Such pores are critical to the production of latent prints since sweat reaches the surface of the hand and efficiently coats the tops of the fingerprint ridges with sweat. Sweat glands serve as small chemical reservoirs and contain a variety of water-soluble chemical compounds, produced or stored by the body. The dermal layer of the skin also contains the nerves of touch which terminate at the underside of the epidermis. The epidermis contains no nerves but does contain nerve endings. Fingerprint patterns are not formed at the surface of the skin but are determined by the arrangement of various elements, such as sweat glands, nerves, and blood vessels found below the surface of the skin. Sebaceous glands and hair follicles are found in the dermal layer of other skin surfaces but are absent in friction skin.

Should the top layer of skin suffer any injury, the ridges grow back after healing in the exact pattern they had before. Therefore, superficial cuts or abrasions alter fingerprint characteristics only temporarily. If the injury reaches deep into the dermis and destroys the dermal papillae, then growth of new epidermal cells is impaired and a permanent scar is created.

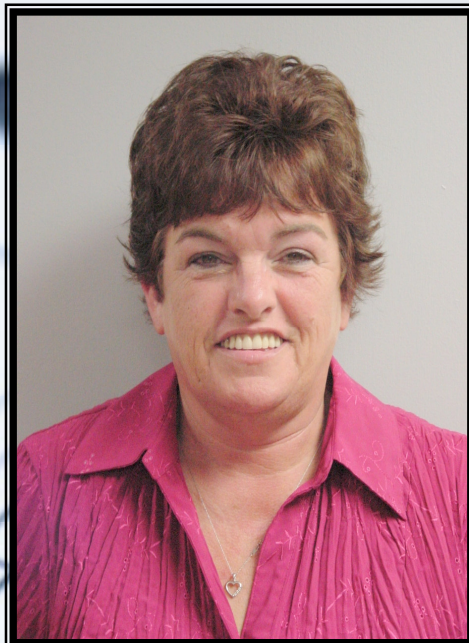
Profiling AFIS

Donna Mitchell
Fingerprint Specialist II

Before joining the Kentucky State Police Automated Fingerprint Identification Section Donna was no stranger to Law Enforcement. Prior to becoming a member of the Tenprint Unit she worked as a Telecommunicator with Kentucky Vehicle Enforcement.

While working full time as a Fingerprint Specialist she has set the bar high in her continued efforts to further her education. Over the past three years she has accumulated over 188 hours of college credit which has allowed her to complete two Associate Degrees. She currently holds a degree in Business and a degree in Accounting. Her dedication to her education is much like that in her current position in the AFIS section.

Donna is a highly valued employee of the Kentucky State Police. She has acquired a vast amount of knowledge in the field of fingerprints since she began in 2005 and has gained an extensive understanding of both our applicant and criminal workflows. Donna works closely alongside System Administrators to help point out and solve problems.



Shortly after completing her first year with AFIS Donna was asked to assist in the state's LiveScan training efforts. She has not only assisted in several training sessions in house but she has also held many classes at various detention facilities across the state.

Donna always maintains a professional demeanor and boosts morale among her coworkers. She is more than willing to help not only the public but also administrative staff and coworkers in any endeavor. Her ability to operate in any environment with many personalities is unmatched. Donna is a highly respected and cherished commodity of the Kentucky State Police Automated Fingerprint Identification Section.

AFIS STATS

Tenprint Records

Counts Are Per Quarter
April - June

LiveScan Bookings	56,238
Card Scans Submitted	6,067
Searches (LiveScans & Cards)	62,305
Tenprint Data Base Size	890,239

Latent Records

Counts Are Per Quarter
April - June

Latent Identifications	184
Unsolved Latent Data Base Size	25,605

Year Ending Totals for 2007

LiveScan Bookings	221,979
Card Scans Submitted	40,480
Searches (LiveScans & Cards)	262,459
Tenprint Data Base Size	860,418
Latent Identifications	1078
Unsolved Latent Data Base Size	24,669

LIVESCAN PROBLEMS???

Call our Help Desk 24/7

1-800-858-5465

Please submit all questions, stories, comments, and suggestions to:

Kentucky State Police
AFIS Section
Attn: Hollie Freeman
1250 Louisville Road
Frankfort, Kentucky 40601

Livescan@ky.gov